

OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/825,246A

DATE: 07/15/2001

TIME: 19:43:23

Input Set : A:\0225-0033.20-SEQLIST.txt  
Output Set: N:\CRF3\07152001\I825246A.raw

ENTERED

4 <110> APPLICANT: Singh, Sharat  
5 Matray, Tracy  
6 Chenna, Ahmed  
8 <120> TITLE OF INVENTION: Sets of Oligonucleotide-Binding e-tag  
9 Probes  
11 <130> FILE REFERENCE: 0225-0033.20  
13 <140> CURRENT APPLICATION NUMBER: US 09/825,246A  
C--> 14 <141> CURRENT FILING DATE: 2001-06-25  
16 <150> PRIOR APPLICATION NUMBER: US 09/698,846  
17 <151> PRIOR FILING DATE: 2000-10-27  
19 <150> PRIOR APPLICATION NUMBER: US 09/684,386  
20 <151> PRIOR FILING DATE: 2000-10-04  
22 <150> PRIOR APPLICATION NUMBER: US 09/602,586  
23 <151> PRIOR FILING DATE: 2000-06-21  
25 <150> PRIOR APPLICATION NUMBER: US 09/561,579  
26 <151> PRIOR FILING DATE: 2000-04-28  
28 <150> PRIOR APPLICATION NUMBER: US 09/303,029  
29 <151> PRIOR FILING DATE: 1999-04-30  
31 <160> NUMBER OF SEQ ID NOS: 18  
33 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
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37 <212> TYPE: DNA  
38 <213> ORGANISM: Artificial Sequence  
40 <220> FEATURE:  
41 <223> OTHER INFORMATION: synthesized oligonucleotide  
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44 tcaccacatc ccagtg 16  
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49 <213> ORGANISM: Artificial Sequence  
51 <220> FEATURE:  
52 <223> OTHER INFORMATION: synthesized oligonucleotide  
54 <400> SEQUENCE: 2  
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62 <220> FEATURE:  
63 <223> OTHER INFORMATION: synthesized oligonucleotide  
65 <221> NAME/KEY: misc\_feature  
66 <222> LOCATION: (22)...(22)  
67 <223> OTHER INFORMATION: 3' nucleotide linked to tetramethyl rhodamine  
69 <400> SEQUENCE: 3  
70 ccagcaacca atgatccccg tt 22

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75 <213> ORGANISM: Artificial Sequence  
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78 <223> OTHER INFORMATION: synthesized oligonucleotide  
80 <221> NAME/KEY: misc\_feature  
81 <222> LOCATION: (1)...(1)  
82 <223> OTHER INFORMATION: 5' nucleotide linked to fluorescein  
84 <221> NAME/KEY: misc\_feature  
85 <222> LOCATION: (22)...(22)  
86 <223> OTHER INFORMATION: 3' nucleotide linked to tetramethyl rhodamine  
88 <400> SEQUENCE: 4  
89 ccagcaagca ctgatgcctg tt 22  
91 <210> SEQ ID NO: 5  
92 <211> LENGTH: 4  
93 <212> TYPE: PRT  
94 <213> ORGANISM: Artificial Sequence  
96 <220> FEATURE:  
97 <223> OTHER INFORMATION: peptide linker  
99 <400> SEQUENCE: 5  
100 Lys Lys Ala Ala  
101 1  
103 <210> SEQ ID NO: 6  
104 <211> LENGTH: 4  
105 <212> TYPE: PRT  
106 <213> ORGANISM: Artificial Sequence  
108 <220> FEATURE:  
109 <223> OTHER INFORMATION: peptide linker  
111 <400> SEQUENCE: 6  
112 Lys Lys Lys Ala  
113 1  
115 <210> SEQ ID NO: 7  
116 <211> LENGTH: 4  
117 <212> TYPE: PRT  
118 <213> ORGANISM: Artificial Sequence  
120 <220> FEATURE:  
121 <223> OTHER INFORMATION: peptide linker  
123 <400> SEQUENCE: 7  
124 Lys Lys Lys Lys  
125 1  
127 <210> SEQ ID NO: 8  
128 <211> LENGTH: 25  
129 <212> TYPE: DNA  
130 <213> ORGANISM: Artificial Sequence  
132 <220> FEATURE:  
133 <223> OTHER INFORMATION: synthesized oligonucleotide  
135 <400> SEQUENCE: 8  
136 gaccaggaaa tagagaggaa atgta 25

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143 <220> FEATURE:  
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147 gaaggagaag gaagagttgg tattatc 27  
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151 <212> TYPE: DNA  
152 <213> ORGANISM: Artificial Sequence  
154 <220> FEATURE:  
155 <223> OTHER INFORMATION: synthesized oligonucleotide  
157 <400> SEQUENCE: 10  
158 ttgggcttag atctgtgata g 21  
160 <210> SEQ ID NO: 11  
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162 <212> TYPE: DNA  
163 <213> ORGANISM: Artificial Sequence  
165 <220> FEATURE:  
166 <223> OTHER INFORMATION: synthesized oligonucleotide  
168 <400> SEQUENCE: 11  
169 catctaggtt tcacaaagga gagtcta 27  
171 <210> SEQ ID NO: 12  
172 <211> LENGTH: 27  
173 <212> TYPE: DNA  
174 <213> ORGANISM: Artificial Sequence  
176 <220> FEATURE:  
177 <223> OTHER INFORMATION: synthesized oligonucleotide  
179 <400> SEQUENCE: 12  
180 cggtatatacg ttcttcctca tgctatt 27  
182 <210> SEQ ID NO: 13  
183 <211> LENGTH: 20  
184 <212> TYPE: DNA  
185 <213> ORGANISM: Artificial Sequence  
187 <220> FEATURE:  
188 <223> OTHER INFORMATION: synthesized oligonucleotide  
190 <400> SEQUENCE: 13  
191 gcaagatctt cgcctactg 20  
193 <210> SEQ ID NO: 14  
194 <211> LENGTH: 32  
195 <212> TYPE: DNA  
196 <213> ORGANISM: Artificial Sequence  
198 <220> FEATURE:  
199 <223> OTHER INFORMATION: probe  
201 <221> NAME/KEY: misc\_feature  
202 <222> LOCATION: (1)...(1)  
203 <223> OTHER INFORMATION: e-tag10s modification to the 5' nucleotide

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209 <211> LENGTH: 32
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211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
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216 <221> NAME/KEY: misc_feature
217 <222> LOCATION: (1)...(1)
218 <223> OTHER INFORMATION: e-tag10as modification to the 5' nucleotide
220 <400> SEQUENCE: 15
221 tctttgtata ctgcgtctaaa aagaaaaatgg aa
223 <210> SEQ ID NO: 16
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231 <221> NAME/KEY: misc_feature
232 <222> LOCATION: (1)...(1)
233 <223> OTHER INFORMATION: e-tag11s modification to the 5' nucleotide
235 <400> SEQUENCE: 16
236 aaactccagc atagatgtgg atagcttg
238 <210> SEQ ID NO: 17
239 <211> LENGTH: 28
240 <212> TYPE: DNA
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
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246 <221> NAME/KEY: misc_feature
247 <222> LOCATION: (1)...(1)
248 <223> OTHER INFORMATION: e-tag11as modification to the 5' nucleotide
250 <400> SEQUENCE: 17
251 caagcttatcc acatctatgc tggagttt
253 <210> SEQ ID NO: 18
254 <211> LENGTH: 23
255 <212> TYPE: DNA
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258 <220> FEATURE:
259 <223> OTHER INFORMATION: probe
261 <221> NAME/KEY: misc_feature
262 <222> LOCATION: (1)...(1)
263 <223> OTHER INFORMATION: e-tag13as modification to the 5' nucleotide
265 <400> SEQUENCE: 18
266 aactgcttgt ggccatggct tag

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/825,246A

DATE: 07/15/2001

TIME: 19:43:24

Input Set : A:\0225-0033.20-SEQLIST.txt

Output Set: N:\CRF3\07152001\I825246A.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date